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Date of deferred publication of the search report: 23.11.94 Bulletin 94/47 Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY 3M Center, P.O. Box 33427 St. Paul, Minnesota 55133-3427 (US)

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54) Fluorochemical aminoalcohols.

Mixture of fluorochemical and thermoplastic polymer are disclosed. Such fluorochemicals are fluorochemical alcohols and fluorochemical oxazolidinone compositions. The fluorochemicals impart oil and water repellency to the surfaces of shaped articles made from the mixtures.

EUROPEAN SEARCH REPORT

Application Number EP 93 11 5816

Category	Citation of document with indication, where appropriate, of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
Ρ,Χ	WO-A-93 07914 (MINNESOTA MINING AND MANUFACTURING CO) * page 5, line 28 - line 34 * * page 8, line 21 - line 27; claims; example 9 *		1-6, 11-20	D01F1/02 D01F1/10 C08K5/17 C07C215/12 C07D295/12 C07C311/05
P,Y	WO-A-92 18569 (PEACH STATE LABS, INC.) * page 7, paragraph II - page 9; claims *		1-12	C07D207/06 C07D263/20 C07D263/24
D,Y	CH	CHEMISTRY Cember 1989 , LAUSANNE	1-12	00/0203/24
	pages 389 - 400 HALINA PLENKIEWICZ 'SYNTHETIC UTILITY ETHYLBUTYL)-1-PROPE OF NEW 2-HYDROXY-3- PROPYLAMINES'	OF 3-(PERFLUORO-1,1-DIM NE. PART II. SYNTHESIS		
X	* the whole documen	t *	13-15	
				TECHNICAL FIELDS SEARCHED (Int.Cl.5)
D,X	US-A-3 870 748 (KAT * abstract * * column 5, line 50	SUSHIMA ET AL.) - column 9, line 35 *	13-15	D01F C08K C07C
X	FR-A-1 604 039 (UGINE KUHLMANN) * page 2, line 13 - line 23 *		1	C07D
A D	EP-A-O 260 011 (MINNESOTA MINING AND MANUFACTURING CO) * the whole document * & US-A-5 025 052 (CRATER ET AL.)			
A	FR-A-2 500 450 (DEL * page 2, line 26 -		16	
A	EP-A-0 259 228 (DEL * page 3, line 11 -		16	
	The present search report has b	een drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
THE HAGUE		24 August 1994	B1.	as, V
CATEGORY OF CITED DOCUMENTS T: theory or princip E: earlier patent do after the filling d Y: particularly relevant if taken alone y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or princip E: earlier patent do after the filling d after the filling d for the filling d A: document cited if C: member of the s document			cument, but pul late in the application for other reasons	ohished on, or on s



CLAIMS INCURRING FEES				
The present	European patent application comprised at the time of filling more than ten claims.			
	All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.			
	Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid.			
	namely claims:			
	No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.			
LA	CK OF UNITY OF INVENTION			
	Division considers that the present European patent application does not comply with the requirement of unity of			
invention an namely:	nd relates to several inventions or groups of inventions.			
namery.				
	See sheet -B-			
×	All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims			
	Only part of the further search fees have been paid within the fixed time limit. The present European search			
	report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid.			
	namely claims:			
	None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.			
	namely claims:			

EP 93 11 5816 -B-

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims 1-15: Composition comprising aminoalcohol and

thermoplastic polymer, fluorinated aminoal-cohol and its preparation.
Use of the composition for water/oil repellent fibers.

2. Claims 16-20 : Preparation of fluorinated oxazolidinones.

Use of these oxazolidinones to make water and oil repellent fibers.